

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Thybar Corporation 913 South Kay Avenue Addison, IL 60101

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: TC-5 Style Steel Roof-Curb for Carrier Rooftop Units

APPROVAL DOCUMENT: Drawing No. RC07653, titled "Roof curb by Thybar Corporation", sheets 1 through 5 of 5, prepared by Paul Selman, P.E., dated October 07, 2009, last revision #4 dated May 15, 2013, signed and sealed by Paul Selman, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each roof-curb shall bear a permanent label with the manufacturer's name or logo, Addison IL, Akron OH, Louisville KY, Dallas TX, or Reno NV and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 09-0416.04 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

(MIAMI-DADE COUNTY) APPROVED He GA. Nela Exp 05/30/2013 A

NOA No. 12-0828.01 Expiration Date: 02/03/2015 Approval Date: 05/30/2013 Page 1

Thybar Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-0416.04

A. DRAWINGS

1. Drawing No. RC07653, titled "Roofcurb by Thybar Corporation", sheets 1 through 5 of 5, prepared by Paul Selman, P.E., dated April 29, 2009, last revision #1 dated October 28, 2009, signed and sealed by Paul Selman, P.E.

B. TESTS

1. None.

C. CALCULATIONS

- 1. Calculation titled "146 MPH Wind Load Calculation", dated April 14, 2009, sheets 1 through 4 of 4, signed and sealed by Paul J. Selman, P.E.
- 2. Calculation titled "146 MPH Wind Load FBC 2007", dated October 28, 2009, sheets 1 through 35 of 35, signed and sealed by Paul J. Selman, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. RC07653, titled "Roof curb by Thybar Corporation", sheets 1 through 5 of 5, prepared by Paul Selman, P.E., dated October 07, 2009, last revision #4 dated May 15, 2013, signed and sealed by Paul Selman, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculation titled "Maximum sized Carrier Curb to Structure Bolt Analysis", dated May 16, 2013, one sheet, signed and sealed by Paul J. Selman, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

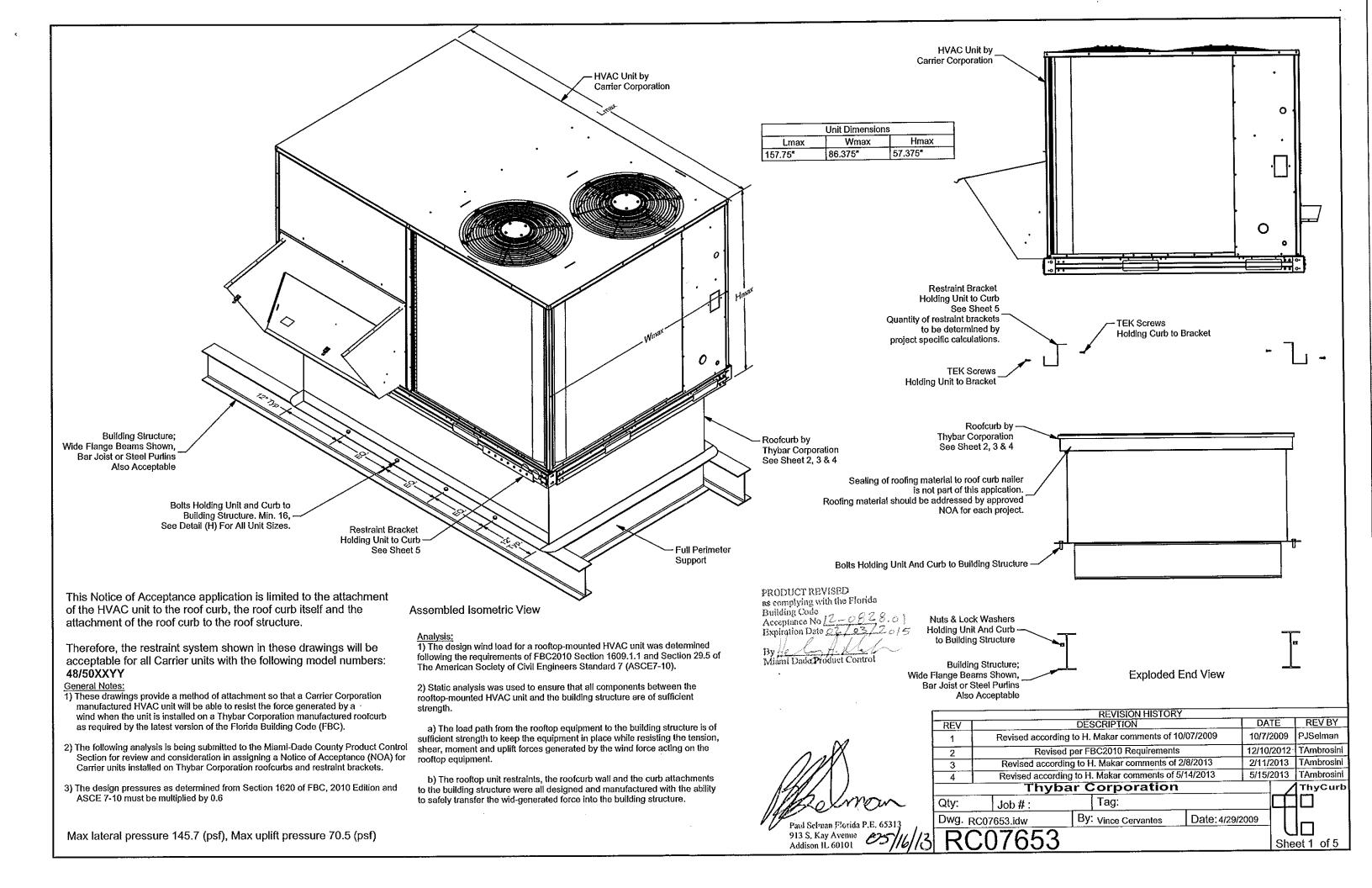
E. MATERIAL CERTIFICATIONS

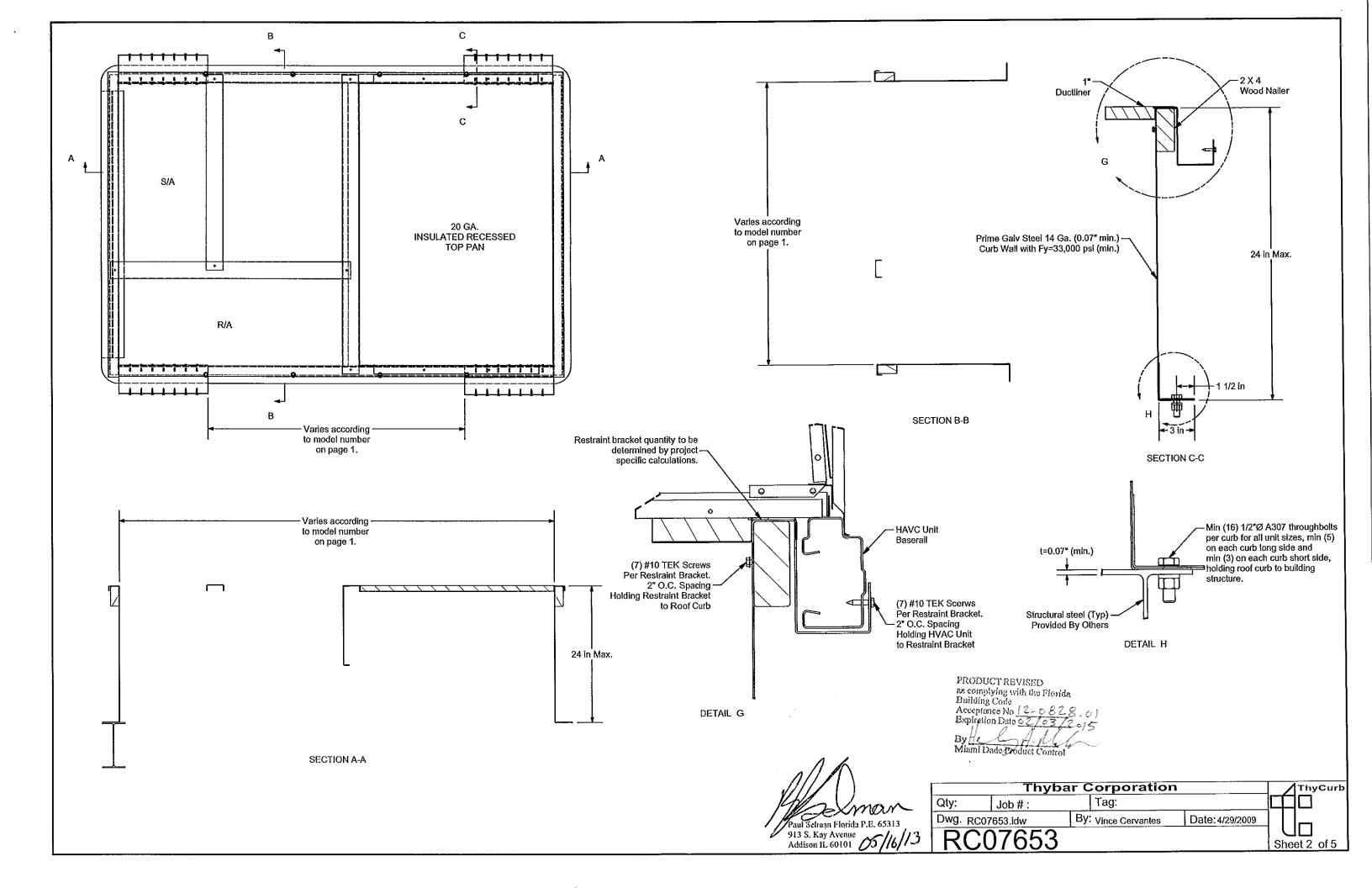
1. None.

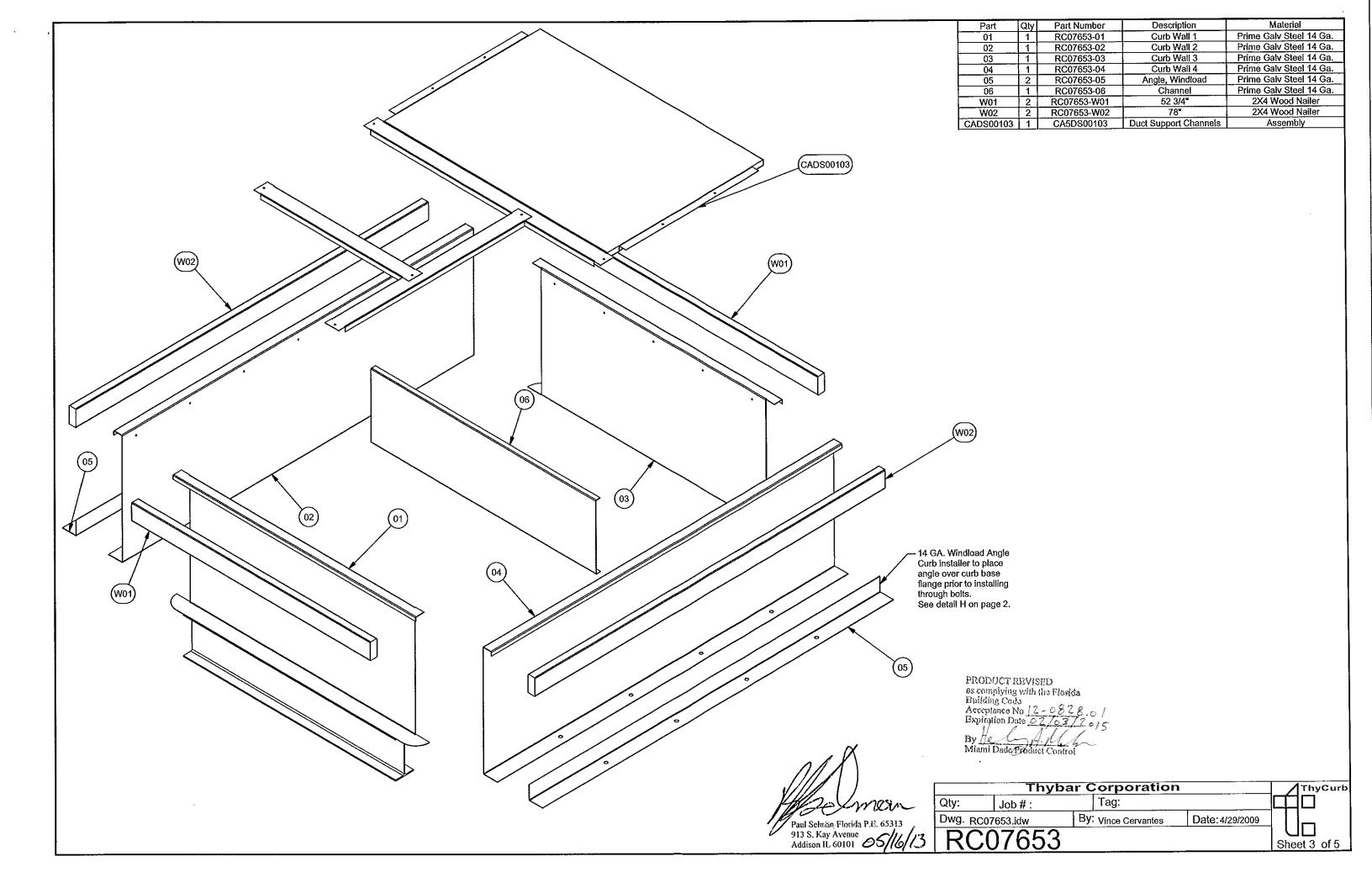
Helmy A. Makar, P.E., M.S. Product Control Unit Supervisor

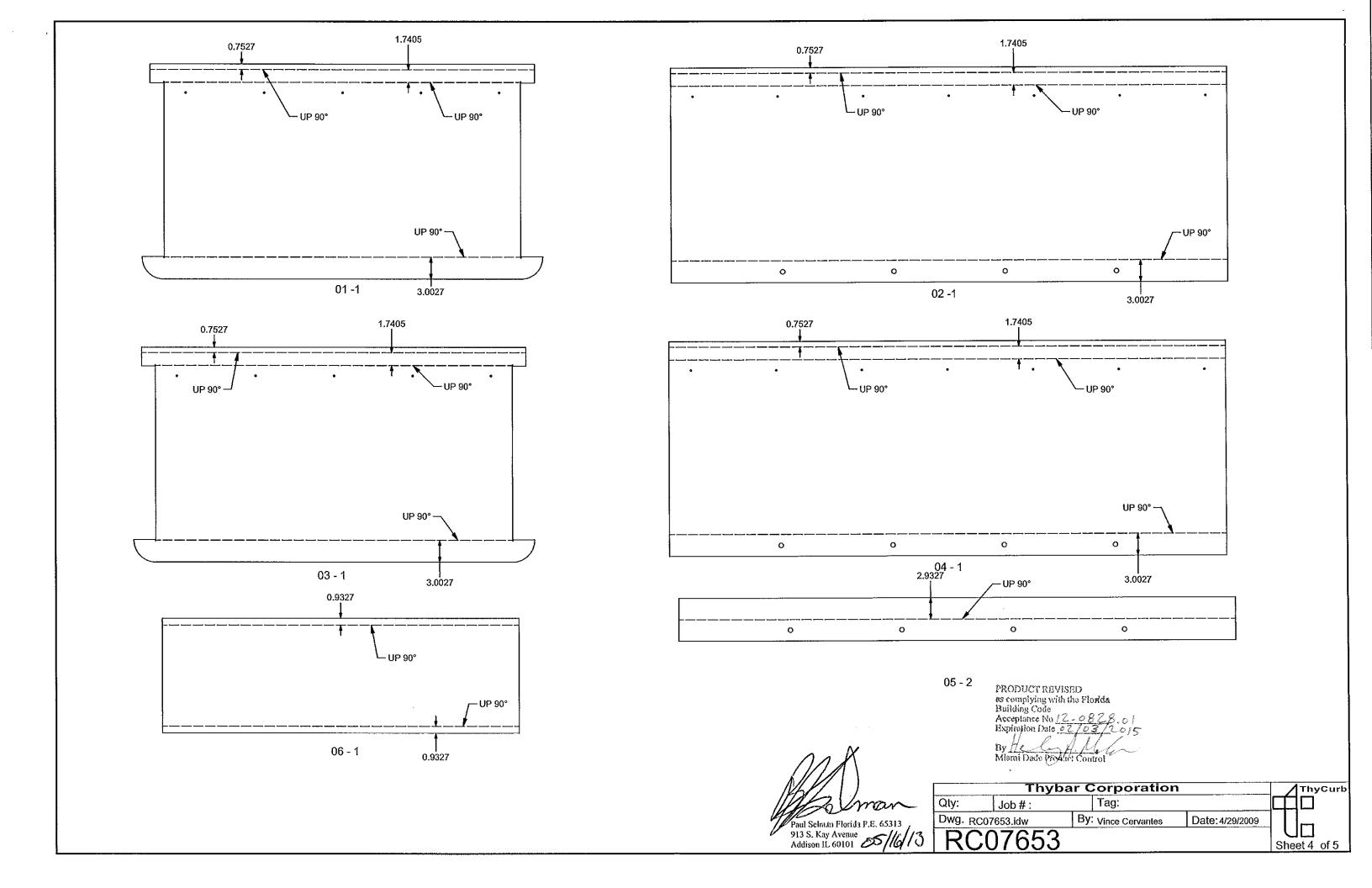
NOA No. 12-0828.01 Expiration Date: 02/03/2015

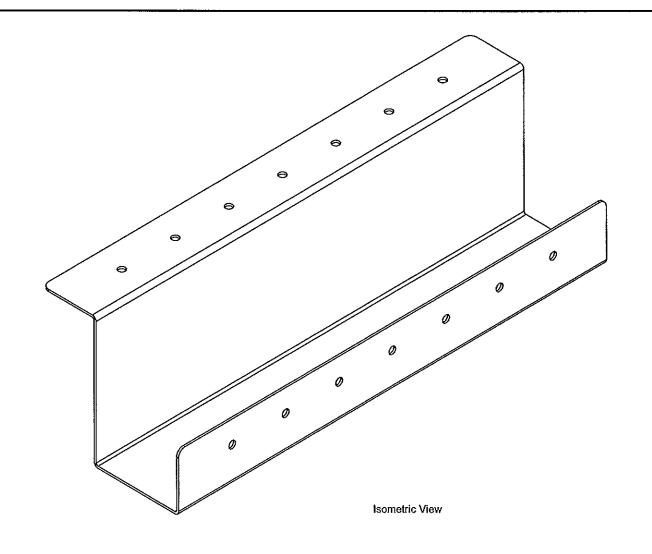
Approval Date: 05/30/2013

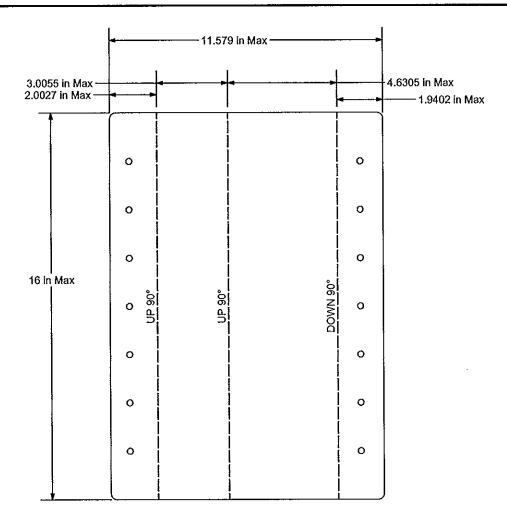




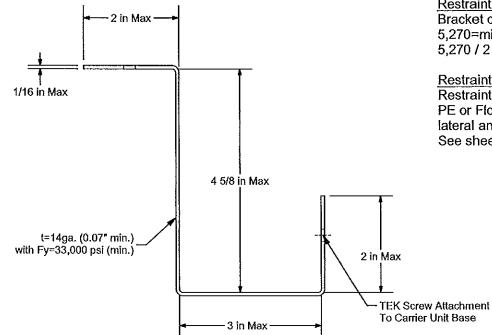








Flat Pattern



Formed View

Restraint bracket capacity

Bracket capacity is the minimum of bracket shear and tensile capacities with a factor of safety = 2.0 5,270=minimum of 8,445 and 5,270 5,270 / 2 Factor of Safety = 2,635 lb

Restraint bracket quantity

Restraint bracket quantity is determined by project specific calculations, performed by a Florida licenced PE or Florida registered Architect, that consider the unique combination of unit size and applicable lateral and uplift pressures for each specific job.

See sheet #1 for maximum unit size and maximum uplift and lateral pressures.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No [2-0828.0]
Expiration Date 02/03/20/5
By A. Mismi Dade Product Control

Paul Selman Florida P.E. 65313
913 S. Kay Avenue
Addison IL 60101

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<i>r</i> :	Job#:	Tag:		
9- RC07653.idw		By: Vince Cervantes	Date: 4/29/2009]
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